



# JPCOE

## Chronicle

*"Reach for the Stars"*

Monthly Newsletter

DECEMBER '17

Volume VII, Issue V



*Merry Christmas  
and  
Happy New Year  
2018*

**JP COLLEGE OF ENGINEERING**

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# HOLY FATHER'S MESSAGE



**Dear Brothers and Sisters,**

“Carrying Jesus, the Madonna also brings us a new joy, full of meaning; she brings us a new ability to pass with faith through the most painful and difficult moments; she brings us the capacity for mercy, forgiveness, understanding and supporting one another,” the Pope said Aug. 15.

Mary, he said, “is the model of faith and virtue,” and in contemplating her Assumption into Heaven, we give her thanks “because she always precedes us on the pilgrimage of life and of faith.”

We are also able to ask that she “guard us and sustain us, that we may have a strong faith, joyful and merciful; that she help us to be holy, to meet her, one day, in paradise,”

**+POPE FRANCIS**

# FACULTY TRAINING PROGRAM

## FACULTY TRAINING PROGRAM

Dr. G.M. Joseph Dunston, Director, JP Group of Institution was delivered a lecture on the topic “Being and becoming a learning Facilitator” for all the faculty members of JP College of Engineering on 05.12.2017



## FEAST CELEBRATION



Feast celebration was conducted in our campus on 08.12.2017. We invite chief guest Rev.Msgr.Xavier Torrence,V.G. and Rev.Fr.Sahaya Chinnappan.

# CHRISTMAS DAY CELEBRATION



- Christmas day 2017 was celebrated in our college on 16.12.2017.
- Rev. Fr. Antony Raj, Parish Priest, Alangulam, was invited as a chief guest.



# PLACEMENT TRAINING PLACEMENT TRAINING

Placement Training was conducted by Mr. Ramasubramanian, Trainer, ECCI Academy, Tirunelveli on 07.12.2017.



The Participants those who are attended a campus interview by Tarento, Banglore at JPCOE.

# CAMPUS DRIVE

Pooled campus drive by Tarento, Bangalore on 09.12.2017 at JPCOE, 135 students were participated and five students are selected.



## STAFF MEETING t a STAFF MEETING

Staff meeting was conducted on 22.12.2017.



## CORE JAVA PROGRAM

Five days Java Training course from 19.12.2017 to 23.12.2017 was conducted for IV year CSE and ECE students by Mr.Ramasubramanian, Trainer, ECCI Academy, Tirunelveli.



## ON CAMPUS DRIVE

On-campus drive for 15 ECE students by **Syrma Tech., Chennai** conducted on 29.12.2017. Mr. Paul Hudson, HR, Syрма Tech and our Placement Consultant Mr.Shiva conducted the drive.



# UNIVERSITY TOPPERS

On behalf of our management , Principal,Staff members we congratulate all the toppers of our institutions.

## DEPARTMENT OF CIVIL



S.NO	YEAR	REG NO	NAME	CGPA	RANK
1	II	951216103016	Sakthivel R	8.50	I
2		951216103012	Malini G	8.25	II
3		951216103019	Tamizharasi V	7.88	III
4	III	951215103010	Dhana Lakshmi G	8.50	I
5		951215103009	Deepa R	8.13	II
6		951215103029	Sahaya Selva Elakkiya D	7.71	III
7	IV	951214103303	Gowshika K	6.87	I
8		951214103305	Jeyapraha D	6.87	I
9		951214103001	Abinaya M	6.65	II
10		951214103013	Sathish R	6.30	III

## DEPARTMENT OF CSE



### II YEAR / III SEMESTER

S.No	REG NO	NAME	GPA_III	PLACE
1	951216104032	SWETHAA LAXMI	8.26	FIRST
2	951216104014	JESIMA YASMINE	7.70	SECOND
3	951216104021	RABIYATHUL FAHMITHA	7.30	THIRD

### III YEAR / V SEMESTER

S.No	REG NO	NAME	GPA_V	PLACE
1	951215104027	NATHIYA K	8.17	FIRST
2	951215104030	PAVITHRA DEVI G	8.17	FIRST
3	951215104017	MAHALAKSHMI V	8.04	SECOND
4	951215104029	PAVITHRA S	7.83	THIRD

### IV YEAR / VII SEMESTER

S.No	REG NO	NAME	GPA_VII	PLACE
1	951214104012	JOSELINE R J	8.36	FIRST
2	951214104014	KALEESWARI E	8.27	SECOND
3	951214104004	BLESSY FREEDA J	8.09	THIRD

## DEPARTMENT OF ECE



### II YEAR/ III SEMESTER

S.No	REG NO	NAME	GPA_III	PLACE
1	951216106013	JEBI AXAL Y	8.73	FIRST
2	951216106017	KRISHNAVENI M	7.92	SECOND
3	951216106012	JAMJATH MEERAL K	7.85	THIRD

### III YEAR/ V SEMESTER

S.No	REG NO	NAME	GPA_V	PLACE
1	951215106001	ABISHINI SHOIL F	8.78	FIRST
2	951215106026	NEGEMAIH S	8.70	SECOND
3	951215106012	DURGA M	8.48	THIRD

### IV YEAR/VII SEMESTER

S.No	REG NO	NAME	GPA_VII	PLACE
1	951214106002	ALIMA FARJANA S	8.77	FIRST
2	951214106041	NIVETHA S	8.64	SECOND
3	951214104004	SOUNDARYA J	8.55	THIRD

## DEPARTMENT OF EEE



S.No.	Year	Name Of The Student	GPA	Rank
1	II	<b>Melsiya.J</b>	7.46	I
2		<b>Sivasakthi.A</b>	7.23	II
3		<b>Veeralakshmi.K</b>	7	III
		<b>Sherlon Renitta</b>	7	III
4	III	<b>Seeni Pushpa Rajathi.J</b>	8.16	I
5		<b>Jeniffa Pon Soundari.J</b>	7.85	II
6		<b>Thilaka.M</b>	7.5	III
7	IV	<b>Ganesan M.</b>	8.14	I
8		<b>Mariaviji/.M</b>	8.14	I
9		<b>Sasikala.C</b>	8	II
		<b>Esakkiammal@Nithya.V</b>	7.86	III

## DEPARTMENT OF MECH



### II Year

- 1.S.Muthuraman- 8.35 GPA
- 2.M.Madhavan-7.88 GPA
- 3.Alagumari Murugan-7.85 GPA

### III Year

- 1.M.Gomathi Sankar-8.88 GPA
- 2.Ganesh Prabhu-7.88 GPA
- 3.S.Shahul Hameed-7.87 GPA

### IV Year

- 1.P.Jose Prakash- 8.25 GPA
- 2.P.Ramesh-7.96 GPA
- 3.S.Jeya Kumar-7.63 GPA
- 4.Muthu Kumar(04.06.1996) -7.63 GPA

## OVERALL DEPARTMENT TOPPERS



### II YEAR/ III SEMESTER

DEPT	PLACE	NAME	GPA_III
ECE	FIRST	JEBI AXAL Y	8.73
CIVIL	SECOND	KSAKTHIVEL	8.50
MECH	THIRD	MUTHURAM	8.35

### III YEAR/ V SEMESTER

DEPT	PLACE	NAME	GPA_V
MECH	FIRST	GOMATHI SANKAR	8.88
ECE	SECOND	ABISHINI SHOIL F	8.78
ECE	THIRD	NEGEMAIH S	8.70

### IV YEAR/VII SEMESTER

DEPT	PLACE	NAME	GPA_VII
ECE	FIRST	ALIMA FARJANA S	8.77
ECE	SECOND	NIVETHA S	8.64
ECE	THIRD	SOUNDARYA J	8.55

# FACULTY ACHIEVEMENTS

Faculty members are produced 100 % result in theory subject of Anna University ODD Semester exam of the Academic Year 2017 – 18.



## STAFF MEMBERS

SL NO	STAFF NAME	SUBJECT NAME	CLASS
1	Mr. M.VENKATRAM AP/CSE	CS6003 Adhoc and Sensor Networks	IV CSE
2	Mr. V.AYYAPPAN, AP/ECE	EC6014 Cognitive Radio	IV ECE A
3	Mr. G.VINOTH RAJKUMAR, AP/ECE	EC6004 Satellite Communication	IV ECE B
4	Mr. D.YOVAN SNANAGAN PONSELVAN, AP/ECE	EC6007 Speech Processing	IV ECE A

# DEPARTMENT OF CIVIL ENGINEERING

## **QUIZ PROGRAM:**



Our department final year student organized quiz program for III and IV year civil students on 23.12.2017

# SEMINAR

Our Department Final year student has taken a seminar in Design of reinforced concrete and brick masonry structures subject to III Year students.



## **SOFTWARE**

## **AWARNESS PROGRAM:**



Our CIVIL Department conducted software awareness program for II year students, the resource person came from ARICAD, Palayamkottai on 23.12.2017

# DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

# SPORTS ACTIVITIES

Sports events were organized for CSE department students on 23.12.17.



- Students were participated in various events like Kho-Kho, Kabadi, Chess, throwball.....

# NPTEL VIDEOS

**Basics of compiler NPTEL video classes for III CSE conducted by Mr. N.Senthil Murugan HOD/CSE on 20.12.2017.**



## INPLANT TRAINING

III Year CSE students had undergone inplant training in various training centers.

- Out of 47, 23 students went to **UNIQ, Tirunelveli**. In there softwares like **Dot NET, JAVA, ANDROID** and Networking were taught both theoretical and practical.
- 17 students undergone at **Kalvi, Tirunelveli**.
- 3 students attended at **Image Tenkasi**. Softwares like **C,C++, JAVA and PHOTOSHOP** were learned.



- One student attended training at **Liewire, Tenkasi**. Training about **JAVA** was given.

The II YEAR CSE students went to various companies to attend in plant training program.

- Totally **Eighteen students** were attended at **Unique Technologies-Tirunelveli**. In that Company they learned Networking, Mat Lab, Dream viewer, Android and overview of java concept.

- One student went to **Barathmatha Institute-Kerala**, she learned Networking concept. One student went to BSNL- Madurai.

- she learned Real time connection oriented broad band practical oriented approach, signals, and mobile applications for whats app connectivity.



- **Four students** went to **BSNL-Tirunelveli**, They learned **Network Layer and Internet Protocol** theory concept.
- **Four students** went to **Live Wire-Tenkasi** to get Knowledge about **Java basic concept and application** and also get practical Knowledge.

# DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

# Six health tips

The context in which an individual lives is of great importance on health status and quality of life. Health is maintained and improved not only through the advancement and application of health science, but also through the efforts and intelligent lifestyle choices of the individual and society. Here are some basic tips for maintaining a good health.

1. **Exercise**

You don't have to belong to a gym club. Thirty minutes walk every day will to prevent weight gain and encourage moderate weight loss.

2. **Eat healthy**

Reduce fat intake, cut down on sugar and opt for fruits and vegetables. This helps reduce cholesterol and blood pressure. Healthy food will also lead to better blood sugar control.

3. **Reduce stress**

Not everything we want we get. We have to accept that there are things that we cannot control. Managing time is also of great importance too. We must allow ourselves enough time to get things done. Set a time during the day for relaxation.

4. **Improve sleep**

Avoid caffeine, alcohol, nicotine, and other chemicals that interfere with sleep. Equip your bedroom with a comfortable mattress and pillows. Sleep in a dark clean and quiet environment.

5. **Meditation**

Meditation has been linked to a variety of health benefits. It has been linked to changes in metabolism, blood pressure, brain activation, and other bodily processes.

6. **Positive thinking**

People who think positively have an optimistic view of life that affects their health and well-being. Optimism has been shown to explain between 5–10% of the variation in the likelihood of developing some health conditions, notably including cardiovascular disease, stroke, depression, and cancer.

**DHINESH.R**  
**II -ECE**

# INSIDE YOUR SIM CARD

A **SIM Card** also known as **Subscriber Identity Module**, A SIM is a Smart Card that can store data from a cellular phone. Those data like identity, location and phone number, network authorization data, personal security keys, contact lists and stored text messages. Security features include authentication and encryption to protect data and prevent eavesdropping.

A Sim Card have six pads that also corresponds to the six SIM connectors pins, but only five has totally have connection on the entire layout.

**SIM DATA** - this is a digital data that being stored on a SIM memory

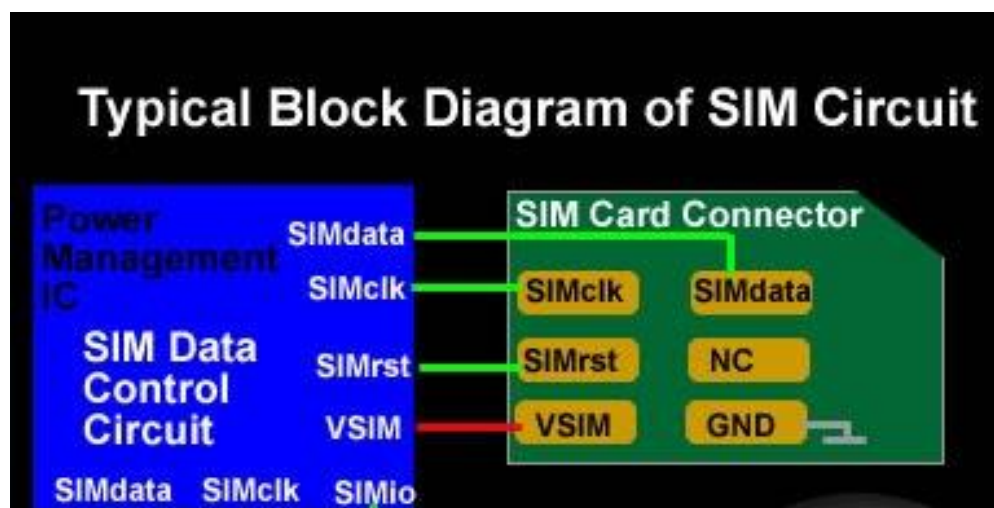
**SIM Clock** - this is a clock frequency signal that being synchronize to the digital data to create data signal in order transfer or sends and receive data information.

**SIM Reset** - this is also a frequency signal that triggers or reset all synchronization process.

**VSIM B+ Supply Voltage**- This a power supply voltage used to activated the SIM circuit.

**SIM Ground** - a ground line voltage

**NC**- No connection



## **Types of SIM Card:**

There are two types of SIM cards are GSM and CDMA

### **GSM:**

GSM technology stands for Global System for Mobiles and its foundation can be credited to Bell Laboratories in 1970. It basically uses circuit switched system and divides each 200 kHz signal into 825 kHz time slots and operates in 900 MHz, 800 MHz and 1.8GHz bands. It uses a narrow band transmission technique- basically Time Division Access Multiplexing. The data transfer rates vary from 64kbps to 120kbps.

### **CDMA:**

CDMA means code division multiple access which explains about communication channel principle that employs spread-spectrum technology and a special coding scheme which are time division multiplexing scheme and frequency division multiplexing scheme.

**AYYAPPAN  
AP/ECE**

# The Best Way of Celebrating Christmas

Jesus

Christ gave world the lesson of love!! He taught us that we all have the same source and are related to each other in some way or the other. Moreover, only a few of us actually just exist and do some good to our existence. If you speculate you will come to know that only few of us only understand the real message of the almighty. Christmas is around the corner and it's the time you can find out the best way to celebrate this beautiful day. Here are a few of the spectacularly sophisticated ideas of celebrating Christmas 2017.



## **1. Help the Poor and underprivileged**

Jesus was sent to the earth to help people understand the significance of giving and the compassion that it emanates. And, helping somebody soul to fill satisfied can be the greatest investment one can ever make in the lifetime.

## **2. Vow to finance a child's education**

If you really want to be mindful and invest in something really meaningful, then make it point to finance a child's education on Christmas day 2017 celebration. If not all make sure that you choose one life, one child arbitrarily and give him/her a bright future same as you think of giving to your own child.

## **3. Gift to Show your affection**

Make sure that no one is missed!! Gift everyone you know closely irrespective of what may be the distance between you two. It does not matter what is the material value of your gift but, it will definitely bring that shower of smile on their face.

#### **4. Spend time in an elderly home**

The angels first came to convey the arrival of the Jesus on the earth, to the Shepherds and in that way God wanted to convey us the message that, power is about making others powerful. And, it would be a great idea to spend quality time in an elderly home talking to those beautiful left hearts living in seclusion.

#### **5. Dictate some lessons of Jesus to the children**

And, it's Christmas again and it calls for spreading the message of Jesus, he expects us all to be his messenger. Start it with you own little children who are not that well known to the principles of living. It will be a great way of helping the society and helping your children.

#### **6. Say Bye-Bye to Resentments & Send a Sorry Note**

Christmas celebration is the perfect time when you can say bye-bye to all the past resentments with people around. It is the perfect time to make up for all the relationships and start it all over again. Let love flow in it's with its real essence; let the light of enlightenment glow all through the world.

These are some perfect ways of celebrating **Christmas 2017** that will not only satiate your soul and nurture it with positivity but will all help in spreading the pious and benevolent message of Jesus Christ.

**S.FELSITTA  
AP/ECE**

# Co-curricular Activities

- In ECE department, Final **year** students attended In-plant training and workshop at ECCI at, Tirunelveli from 26 .12.2017 to 29 .12.2017. Totally 16 students were attended In-**plant training** on basic software using embedded and Hardware manufacturing.
- One student from IV year attended the Internship at UNIQ Tirunelveli on Android APPLICATION.
- In ECE department, the following **third year students** attended In-plant training at BSNL, Tirunelveli from 27.11.2017 to 03.12.2017.
- Totally 13 students attended on Computer Networking and visited BSNL branches and they were learned about connection between switches.
- **Mrs.P Stella Rose Malar AP/ECE** visited our students undergoing In-plant training at BSNL, Tirunelveli
- 12 students were attended inplant training on All India Radio, Tirunelveli from 04.12.2017 to 09.12.2017.



Third year ECE Students In-plant Training at AIR, Tirunelveli

- In that they were learned about Transmitters,Receivers,Antennas.
- **Mr. M. Sivaganapathi, AP/ECE** visited our students undergoing In-plant training at AIR, Tirunelveli on 07.12.2017.



**Third year ECE Students In-plant Training at BSNL, Tirunelveli**

- In ECE department 30 students from **second year attended** In-plant training at BSNL, Tirunelveli from 04.12.2017 to 09.12.2017.
- The students gained knowledge in the field such as Telecommunication,Cyber Crime,Optical communication and switching.
- **Mrs. S. Felsitta, AP/ECE** visited our students undergoing In-plant training at BSNL, Tirunelveli on 07.12.2017.



**Second year ECE Students In-plant Training at AIR, Tirunelveli**

The students were attended the In-plant training in **BSNL, AIR, ECCI, UNIQ** at Tirunelveli. The students were received certificates for their participation in In-plant training.

# DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

# MOTIVATIONAL SPEECH

✚ The motivational speech Program was organized by EEE department of JP College of engineering on 20.12.2017 in EEE seminar hall.

✚ Dr.M.Rajkumar Principal / JP College of Engineering motivated the students to get good marks in university examination as well as to participate in Co-Curricular activities & to maintain self-discipline.



# IN-PLANT TRAINING



✚ Final year students Mr.Dinesh, Mr.Ajay Mr.Shahul Hameed & Mr.Ramakrishnan undergone In-plant training in “MS Digi Tech Automation” at Hussar

from 31.12.17 to 03.01.18



✚ Final year students Mr.Arun Kumar, Mr.Henry Jacob, Mr.Edberk Davi & Mr.Alan Donald undergone In-plant training in “MS Digi Tech Automation” at Hussar from 29.11.17 to 03.12.17.





Final Year Students Mr. Esakkidurai, Mr. Shahul Hameed, Mr. Ulagaraj undergone In-Plant Training at Anandhapuram Substation from 21.11.17 To 23.11.17.

Third year students Ms. Jeniffa Pon Soundari, Ms. Seeni Pushpa Rajathi, Ms. Suganya, Ms. Priyanga & Ms. Muthu Selvi, Ms. Sharmila, Ms. Abirami, Ms. Gnanaponmathi, Ms. Iswarya, Ms. Arockiya selvi undergone In-plant training at Anandhapuram Substation from 21.11.17 to 23.11.17.



# INDIA Design Week 2017

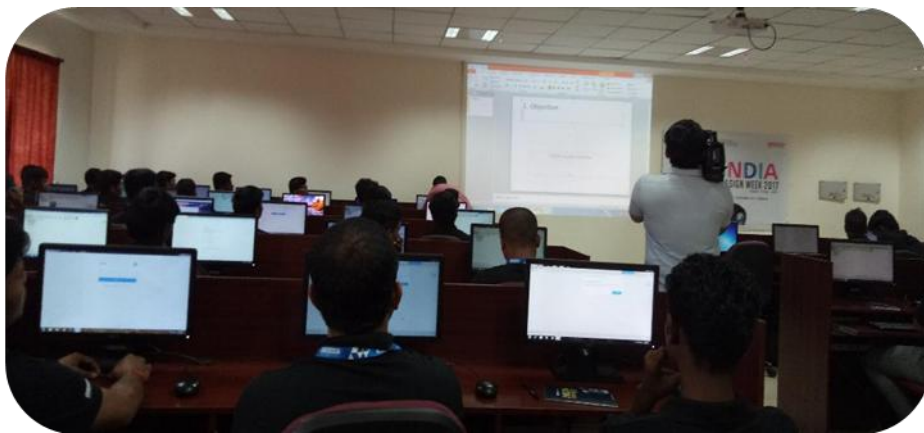
ICT Academy, in association with Autodesk, announced the India Design Week 2017, conducted at Ramco Institute of Technology on 3<sup>rd</sup> & 4<sup>th</sup> December 2018.

Our students S. MANIKANDAN, M. MANIKANDAN, S. RAMESH BABU of final year EEE participated the competition with enthusiasm accompanied by 2 staff members Mr. P. Rajvel Nagarajan AP/EEE & Mr. Vedhanayagam Lab Tech/Mech.



# INDIA DESIGN WEEK 2017 IN ASSOCIATION WITH ICTACT

- ✚ ICT Academy, in association with Autodesk, announced the India Design Week 2017, first of its initiative it is decided to conduct in southern Tamil Nadu and the venue they have chosen to conduct the program on Ramco Institute of Technology on 3<sup>rd</sup> & 4<sup>th</sup> December 2018.
- ✚ It is a unique initiative for budding designers to learn, explore, innovate and design products for different areas. These areas include built environment, disaster relief, energy, food, health & well-being, mobility, waste, water, clean industry and resource and materials.



- ✚ Our students S.MANIKANDAN, M.MANIKANDAN, S.RAMESH BABU of final year EEE & JIBIN B GEORGE, KIWIYON, WILSON.P, ARULRAJ.P of final MECHANICAL ENGINEERING participated the competition with enthusiasm accompanied by 2 staff members Mr.P.Rajvel Nagarajan AP/EEE & Mr.Vedhanayagam Lab Tech/Mech.
- ✚ The program started with the prayer song & Dr.S.Rajakarunakaran, Professor & Head, mechanical gave the welcome address to all the gatherings and a special address is given by Mr. M. Sivakumar, CEO, ICT Academy said: "This

initiative is part of our efforts to enable the students, the future generation of engineers to create product designs that can have a positive impact on the various ecosystems that sustain human life. We believe this design event will not only help the students to acquire new skills and insights but also inspire them towards creating a better future."



✚ Nearly 500 students from various institutions participated in the design competition and nearly 15 special invites from Autodesk Company helped in working with the software. Our students got a great knowledge in working with FUSION 360 software. Our students thank our management, Principal, HOD'S for making such an effort to make them to participate.

# DEPARTMENT OF SCIENCE & HUMANITY

# A Program on Motivation

- A Motivational Program was conducted for the first year students in JP College of Engineering on 12-12-2017.
- Dr. M. Raj Kumar, Principal of JP College of Engineering, delivered the Presidential Address.
- Mr. Antony Paulraj, Principal of MKVK Matriculation School, Tenkasi, delivered the Chief Guest's Address.
- Students made a power point presentation on their project.



# Christmas Celebration

Christmas day 2017 was celebrated in our college on 16.12.2017. Rev. Fr. Antony Raj, Parish Priest, Alangulam, was invited as a chief guest.

First year students participated in the program. They conducted events like dance, mime, and speech.



# UNIVERSITY EXAM ORIENTATION

- Mr.Venkatram Examcell co-ordinator gave orientation about the university exam to the students On 5.12.17.
- He instructed the procedure to fill the first page of the answer booklet.
- He told about the Do's and Don't's in the university examination to the first year students.



